

Title (en)
Lock assembly

Title (de)
Verriegelungsvorrichtung

Title (fr)
Ensemble de verrouillage

Publication
EP 2078809 A2 20090715 (EN)

Application
EP 09250054 A 20090109

Priority
GB 0800405 A 20080110

Abstract (en)
A lock assembly comprises a casing (1), a locking bolt (2) movable between an extended, locking, position in which the locking bolt projects out of the casing and a retracted, released, position, a drive including a drive member (14) for driving the locking bolt (2) into the retracted, released, position, and a coupling member (6) adjustable between a first state in which the coupling member is effective to transmit the drive from the drive member (14) to the locking bolt (2) to move the locking bolt from the extended, locking, position into the retracted, released, position, and a second state in which the coupling member is not effective to transmit drive from the drive member to the locking bolt. The coupling member (6) is biased into the second state but is arranged to adopt the first state when the locking bolt (2) is in the extended, locking, position and to remain in the second state as the drive member (14) drives the locking bolt into the retracted, released, position. The assembly further includes an auxiliary bolt 10 which is mounted in the casing for movement between an extended position in which the auxiliary bolt projects out of the casing and a retracted position, and a bolt retaining device (11) for retaining the locking bolt (2) in its retracted, released, position, when the auxiliary bolt (10) is in its retracted position.

IPC 8 full level
E05B 47/02 (2006.01); **E05B 63/18** (2006.01)

CPC (source: EP GB)
E05B 47/0012 (2013.01 - EP GB); **E05B 55/00** (2013.01 - EP); **E05B 63/18** (2013.01 - EP); **E05B 63/20** (2013.01 - GB); **E05B 65/0017** (2013.01 - GB); **E05B 15/0093** (2013.01 - EP); **E05B 2047/0017** (2013.01 - EP); **E05B 2047/0031** (2013.01 - EP); **E05B 2047/0086** (2013.01 - EP)

Cited by
CN106460409A; WO2015189391A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2078809 A2 20090715; **EP 2078809 A3 20130807**; GB 0800405 D0 20080220; GB 2456214 A 20090715; GB 2456214 B 20120808

DOCDB simple family (application)
EP 09250054 A 20090109; GB 0800405 A 20080110